

AMENDMENTS TO THE CLAIMS:

The following is a complete list of the pending claims.

1. (Previously presented) A method for preparing a ready-to-use solid support for ~~rapid~~ ELISA an enzyme-linked immunosorbent assay (ELISA), wherein ~~[[the]]~~ said method comprises:
addition of applying a first monoclonal antibody to a solid support, wherein said first monoclonal antibody specifically recognizes a molecule;

washing said support with a first buffer to remove unbound any first monoclonal antibody that is unbound to said support;

adding applying a stabilizer to said support and incubating said stabilizer on said support for about 12-14 hours at about 4 °C; [[,]]

removing excess any stabilizer that is unbound to said support; [[,]]

air-drying of the bound stabilizer, said support;

addition of an appropriate applying a second antibody and enzyme-linked conjugate as a third antibody to said support, wherein said second and third antibodies are together dissolved together in a second buffer, wherein said second antibody specifically recognizes the molecule recognized by said first monoclonal antibody, wherein said third antibody specifically recognizes said second antibody, and wherein said third antibody is linked to an enzyme; and

lyophilizing said support for about 15 minutes the said protein mixture and storing in a sealed package at a specified temperature.

2. (Currently amended) ~~[[A]] The method as claimed in of claim 1, wherein the first monoclonal antibody is raised against the protein/antigen to be detected~~ said molecule recognized by the first monoclonal antibody and the second antibody is a protein.

3. (Currently amended) ~~[[A]] The method as claimed in of claim 1, wherein the first monoclonal antibody [[used]] is selected from [[a]] the group consisting of monoclonal antibodies raised against a Cry proteins protein and monoclonal antibodies[[,]] raised against 5-enolpyruvylshikimate-3-phosphate synthase , wherein Cry protein is preferably selected from Cry1Ab, Cry1Ac Cry2Ab, Cry9A, Cry9B and Cry9C.~~

4. (Currently amended) [[A]] ~~The method as claimed in~~ of claim 1, wherein said second buffer used for dissolving second and third antibody is selected from [[a]] the group consisting of carbonate buffer and phosphate buffer, having a pH in the range of about 9.0-9.8.
5. (Currently amended) [[A]] ~~The method as claimed in~~ of claim 1, wherein the first buffer used for washing is phosphate buffer buffered saline having a pH in the range of about 6.8-7.2.
6. (Currently amended) [[A]] ~~The method as claimed in~~ of claim 1, wherein the stabilizer [[used]] is ~~selected from a group consisting of Phosphate Buffered Saline, Fish Gelatin and Glycerol mixture and a Tris buffer, Fish Gelatin and Glycerol~~ a mixture of phosphate buffered saline or a tris buffer with fish gelatin and glycerol.
7. (Currently amended) [[A]] ~~The method as claimed in~~ of claim [[1]] 3, wherein ~~the drying method used is either freeze drying or lyophilization~~ said Cry protein is Cry1Ab, Cry1Ac, Cry2Ab, Cry9A, Cry9B, or Cry9C.
8. (Currently amended) [[A]] ~~The method as claimed in~~ of claim 1, wherein the second and third antibodies are dissolved with a blocking agent, wherein the blocking agent [[used]] is selected from the group consisting of ovalbumin, bovine serum albumin, bovine nonfat milk powder, casein, fish gelatin, porcine gelatin and lambda-carrageenan.
9. (Currently amended) [[A]] ~~The method as claimed in~~ of claim 1, wherein the solid support [[used]] is ~~selected from the group consisting of an~~ ELISA plate [[and]] or a microwell plate.
10. (Currently amended) [[A]] ~~The method as claimed in~~ of claim 1, wherein ~~the material for the solid support used is either~~ comprises polystyrene or polypropylene.

11. (Currently amended) [[A]] The method in-claimed-in of claim 9, wherein the solid support ~~is made of~~ comprises polystyrene.

12. (Currently amended) [[A]] The method as-claimed-in of claim 1, wherein the second antibody ~~[[used]]~~ is a polyclonal antibody. ~~IgG-raised-against protein/antigen to be detected,~~

13. (Currently amended) [[A]] The method as-claimed-in of claim ~~[[1]]~~ 12, wherein the second antibody ~~used is polyclonal antibody~~ IgG is raised against ~~corresponding a~~ Cry protein or ~~IgG-raised-against~~ 5-enolpyruvylshikimate-3-phosphate synthase.

14. (Currently amended) [[A]] The method as-claimed-in of claim 1, wherein the third antibody ~~[[used]]~~ is ~~selected from the group consisting of a~~ polyclonal whole IgG ~~conjugated to an enzyme, wherein whole IgG may be obtained from class Mammalia or class Aves.~~ ~~[[,]]~~

15. (Currently amended) [[A]] The method as-claimed-in of claim 14, wherein the enzyme ~~[[used]]~~ is selected from ~~[[a]]~~ the group consisting of alkaline phosphatase and horseradish peroxidase.

16. (Previously presented) A ~~[[rapid]]~~ method for performing ~~ELISA~~ an enzyme-linked immunosorbent assay (ELISA) comprising:

[[using]] providing the ready-to-use solid support prepared according to the method of claim 1, wherein said solid support is in the form of a plate; said method comprising steps of

reconstituting the ready to use plates by adding appropriate amount of distilled water, rehydrating the lyophilized contents of the plate;

adding test samples to the plate, wherein said test samples contain ~~containing~~ antigen/protein ~~[[are]]~~ dissolved in a suitable buffer; ~~[[,]]~~

incubating the plate for a period of time;

washing the plate after incubating for a required time period, followed by washing with suitable with a buffer; ~~[[,]]~~

adding a chemical substrate to the plate, wherein said chemical substrate is a substrate for

said enzyme; required chemical substrate and

detecting monitoring for the presence of the antigen/protein by detecting a change in light
measuring absorbance at a suitable wavelength.

17. (Cancelled)

18. (Currently amended) [[A]] The method as claimed in of claim 16, wherein the chemical
substrate is selected from the group consisting of para-nitrophenol phosphate, Nitro Blue
Tetrazolium/5-Bromo-4-Chloro-3-Indolyl Phosphate, 2,2'-Azino-bis(3-Ethylbenz-thiazoline-6-
Sulfonic Acid), ~~o~~-Phenylenediamide o-Phenylenediamine, 3,3'-5,5'-Tetramethylbenzidine, o-
Dianisidine and 5-Aminosalicylic Acid.

19. (Currently amended) An immunoassay kit comprising ~~of ready to use~~ the ready-to-use
solid support [[of]] prepared according to the method of claim 1 for rapid ELISA.

20. (Currently amended) A ready-to-use solid support, wherein said support is prepared
according to the method of claim 1 ~~for detection of protein or antigen.~~

21. (New) The method of claim 16, wherein the monitoring step comprises measuring light
absorbance at a specific wavelength.